

IN THE CLAIMS:

1. (Previously Presented) A method for preparing a metal sulfide film, comprising the steps of providing metal halide as a first raw material and a thioamide compound as a second raw material, vaporizing the metal halide and the thioamide compound, and reacting the metal halide with the thioamide compound in a film forming section heated to from 375 to 425°C to form the metal sulfide film on a substrate.

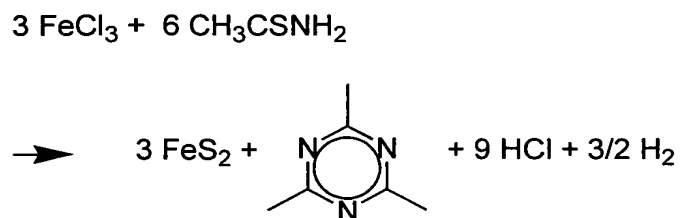
2.-7. (Cancelled).

8. (Previously Presented) A method for preparing a metal sulfide film, comprising the steps of vaporizing metal halide and a thioamide compound, and reacting the metal halide with the thioamide compound in a heated film forming section to produce the metal sulfide film on a substrate as well as a triazine compound from the thioamide compound.

9. (Previously Presented) A method for preparing a metal sulfide film according to Claim 8, wherein the step of reacting is performed in the film forming section heated to from 375°C to 425°C.

10. (Currently Amended) The method for preparing a metal sulfide film according to Claim 8 or 9, wherein the thioamide compound is thioacetamide, the triazine compound is trimethyltriazine, and the step of reacting accompanies formation of sulfur as a simple substance.

11. (Currently Amended) A method for preparing a metal sulfide film according to ~~any one of Claims 8 to 10~~ Claim 8, wherein an iron sulfide film is formed by a reaction represented by the following formula:



12. (Currently Amended) A metal sulfide film prepared by a method according to ~~any one of Claim 1 and 8 to 11.~~

13. (Currently Amended) The method for preparing an iron sulfide film according to ~~any one of Claims 1 and 8 to 11~~ Claim 1, wherein the metal halide is iron halide and the metal sulfide film is pyrite FeS_2 film.

14. (New) A metal sulfide film prepared by a method according to Claim 8.

15. (New) The method for preparing an iron sulfide film according to Claim 8, wherein the metal halide is iron halide and the metal sulfide film is pyrite FeS_2 film.